



MOJAVE DESERT AIR QUALITY MANAGEMENT DISTRICT

14306 Park Avenue Victorville, CA 92392-2310
760.245.1661 -- 800.635.4617 -- FAX 760.245.2022

PERMIT TO OPERATE

B003803

Operation under this permit must be conducted in compliance with all information included with the initial application, initial permit condition, and conditions contained herein. The equipment must be maintained and kept in good operating condition at all times. This Permit to Operate or copy must be posted on or within 8 meters of equipment. If a copy is posted, the original must be maintained on site, available for inspection at all times.

EXPIRES LAST DAY OF: FEBRUARY 2027

OWNER OF OPERATOR (Co.#2262)

Barstow, City of - WWTP
2200 E Riverside Drive
Barstow, CA 92311

EQUIPMENT LOCATION (Fac.#500)

Barstow Wastewater Treatment Plant
2200 E Riverside Drive
Barstow, CA 92311

Description:

PRIMARY WASTEWATER TREATMENT SYSTEM consisting of:

EQUIPMENT

Capacity	Equipment Description
20	Automatic Barscreens, Quantity 2: One 5 hp electric motor, one 3 hp electric motor, and one 2 hp electric motor each.
75	Influent Pumps: One 30 hp lead, one 30 hp lag, and one 30 hp standby unit
11.5	Grit Separation System: including one 10 hp electric motor, one 1 hp electric motor, and one 0.5 hp electric motor
1	Primary Clarifiers, Quantity 2: 248,000 gallon capacity per Clarifier. Each clarifier has one 0.5 hp electric motor each.
10	Primary Sludge Pumps, Quantity 2: Each sludge pump has one 5 hp electric motor.
15	Primary Scum Pumps, Quantity 2: Each scum pump has one 7.5 hp electric motor.
7.5	Thickener Sludge Pumps, Quantity 2: Each sludge pump has one 7.5 hp electric motor (Lead and Lag pumps)
1	Gravity Thickener: 32,000 gallon capacity with one 1 hp electric motor.
16.5	Screwpress system, including two 3 hp electric motors, two 2 hp electric motors, two 1.5 hp electric motors, two 0.75 hp electric motors, and four 0.5 hp electric motors.

CONDITIONS:

Fee Schedule: 1 (b)

Rating: 130 bhp

SIC: 4952

SCC: 50100701

Location/UTM(Km):
498E/3861N

This permit does not authorize the emission of air contaminants in excess of those allowed by law, including Division 26 of the Health and Safety Code of the State of California and the Rules and Regulations of the District. This permit cannot be construed as permission to violate existing laws, ordinances, statutes or regulations of this or other governmental agencies. This permit must be renewed by the expiration date above. If billing for renewal fee required by Rule 301(c) is not received by expiration date above, please contact the District.

Barstow, City of - WWTP
2200 E Riverside Drive
Barstow, CA 92311

By: **COPY**
Eldon Heaston
Air Pollution Control Officer

1. This equipment shall be installed, operated, and maintained in strict accordance with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.
[District Rule 1302]

2. This facility shall not treat more than 4.5 million gallons of waste per day, averaged over each calendar month.
[District Rule 1302]

3. An operations log shall be maintained on-site for at least two (2) years and be made available to District personnel on request. This log shall contain, as a minimum, the following:

- a. Amount of wastewater received and treated each day;
- b. Repairs to listed equipment (Note: This does NOT include routine maintenance actions); and
- c. The total facility-wide Volatile Organic Compound (VOC) emissions, in pounds or tons, for the most recent calendar year.

[District Rule 204]

4. The facility shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public.
[District Rule 402]

5. This equipment shall be operated and maintained in strict accordance with applicable federal, state, regional, and local waste discharge permits.
[District Rule 204]

6. Only two of the three influent pump motors may be operated simultaneously except for a 30 minute startup/shutdown period while switching from one motor to another.
[District Rules 204 and 301]

7. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.
[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]